

**ABSTRACT**

A device for injecting fluid from a pre-filled cartridge is provided. The device includes a needle for piercing a patient. After an injection, the  
5 needle can be retracted to prevent inadvertent contact with the contaminated  
needle. A needle retainer releasably retains the needle in the retracted  
position. The needle can subsequently be re-extended to administer a  
subsequent injection. After the cartridge is emptied, the cartridge can be  
removed, if desired, and replaced with another cartridge for additional  
10 injections. Alternatively, the needle can be retracted into the device and  
safely disposed of in a sharps container.

Approved for Release 2001/05/01 : CIA-RDP80-01060A000100010001-6